



Claims: What is claimed:

21. A method of producing concurrent higher intensity illumination sectors where no vehicles are present and lower intensity illumination sectors where vehicles are present comprising the steps of,
providing a vehicular headlight system adapted to provide at least two distinct illumination intensities in each of a plurality of individually controlled illumination sectors,
providing a vehicle sensing means for sensing other vehicles,
providing a controller which uses input from said sensing means to control individual elements within said vehicular headlight system,
whereby said controller causes said vehicular headlight system to provide a lower intensity illumination to sectors where a vehicle's presence is sensed and concurrently to provide a higher intensity illumination to sectors where no vehicle's presence is sensed.

22. The method of producing concurrent higher intensity illumination sectors where no vehicles are present and lower intensity illumination sectors where vehicles are present of claim 21 wherein each illumination sector is a fraction of both the horizontal and the vertical cross section of the total illumination distribution provided by said vehicular headlight system when the headlight illumination system's output illumination pattern is incident upon an imaginary output traversing cross sectional plane located at the position of the other vehicle.

23. The method of producing concurrent higher intensity illumination sectors where no vehicles are present and lower intensity illumination sectors where vehicles are present of claim 21 wherein a first illumination sector overlaps with at least some portion of a second illumination sector.

24. The method of producing concurrent higher intensity illumination sectors where no vehicles are present and lower intensity illumination sectors where vehicles are present of claim 21 wherein said vehicle sensing means senses electromagnetic radiation emitted by at least one other vehicle.

25. The method of producing concurrent higher intensity illumination sectors where no vehicles are present and lower intensity illumination sectors where vehicles are present of claim 21 wherein said sensing means converts electromagnetic radiation to an electric signal.

26. The method of producing concurrent higher intensity illumination sectors where no vehicles are present and lower intensity illumination sectors where vehicles are present of claim 21 wherein at least one of the said individually controlled elements within said vehicular headlight system comprises at least one element selected from the group consisting of; illumination emitting source, light emitting diode, diode, illumination filter, electro-chromatic